

The System Innovation Lab

Shaping Europe's Energy Future

**Reallabore als transformative Methode in der
Nachhaltigkeitsbildung**

Verena Hermelingmeier

„A **capacity building** programme for **young professionals** in the **energy** sector from all over **Europe**“



Projektpartner



Wuppertal
Institut

CSI

Centrum für soziale Investitionen und Innovationen
Centre for Social Investment

Förderer

gefördert durch



Deutsche
Bundesstiftung Umwelt

www.dbu.de



FUNDACJA WSPÓŁPRACY
POLSKO-NIEMIECKIEJ
STIFTUNG
FÜR DEUTSCH-POLNISCHE
ZUSAMMENARBEIT

Zukünftige Entscheider zu „Agenten des Wandels“ ausbilden

- Austausch **europäischer** Perspektiven



- Kennenlernen **systemischer** Denkansätze

- Entwicklung eigener **Interventionen**

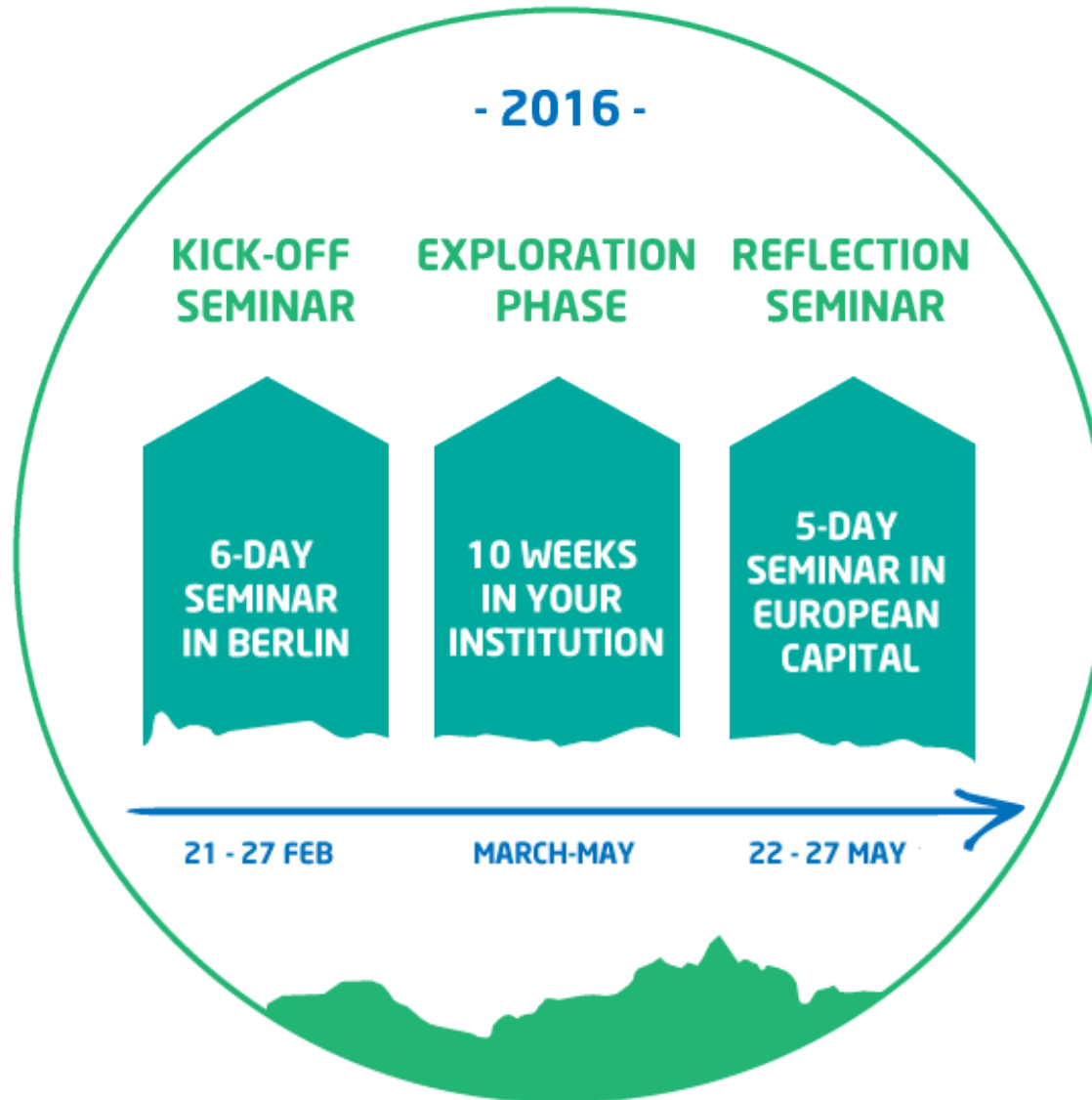


- Bildung eines **Netzwerks** von „Agenten des Wandels“

Anwendungsfeld: **Energie** (Stromsektor)

**Bewerbungs-
phase**

**August-
Oktober 2015**

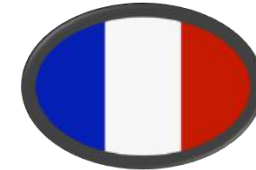


**Abschluss-
workshop**

**25. November
2016**



Tschechien



Frankreich



Polen



Deutschland



Österreich



Armenien



Estland



Schweden



Moldawien

....aus Politik, Wirtschaft, Zivilgesellschaft und Wissenschaft

MISEREOR
IHR HILFSWERK


Eesti Energia

 **WIEN ENERGIE**

CARL
VON
OSSIETZKY
universität
OLDENBURG

PSE Polskie Sieci
Elektroenergetyczne

Freie Universität  Berlin

binee
no waste more fun


P a c t e
UNITÉ MIXTE DE RECHERCHE CNRS

EvalPart


P I K

 **greenmusic
initiative**

Thema1

GREENPEACE


KlimaExpo.NRW
Motor für den Fortschritt

KlimaExpo.NRW
Motor für den Fortschritt

BEE
Bundesverband
Erneuerbare Energie e.V.


**UNI
FREIBURG**

konzeptwerk
neue ökonomie


**Ministerul
Mediului**

LUCSUS
Lund University Centre for
Sustainability Studies

**Umwelt
Bundes
Amt**
Für Mensch und Umwelt


**INNOVATIONS
ZENTRUM NIEDERSACHSEN**


**Knivsta
kommun**

INFORMBUSINESS
SOFTWARE COMPANY

SOLARVALLEY
Mitteldeutschland

The What, the How, and the Who

➤ What?

„*System innovation*“ – Wandel muss systemisch gedacht werden

➤ How

„*Interventions*“ – Pionierprojekte können Paradigmenwechsel einleiten

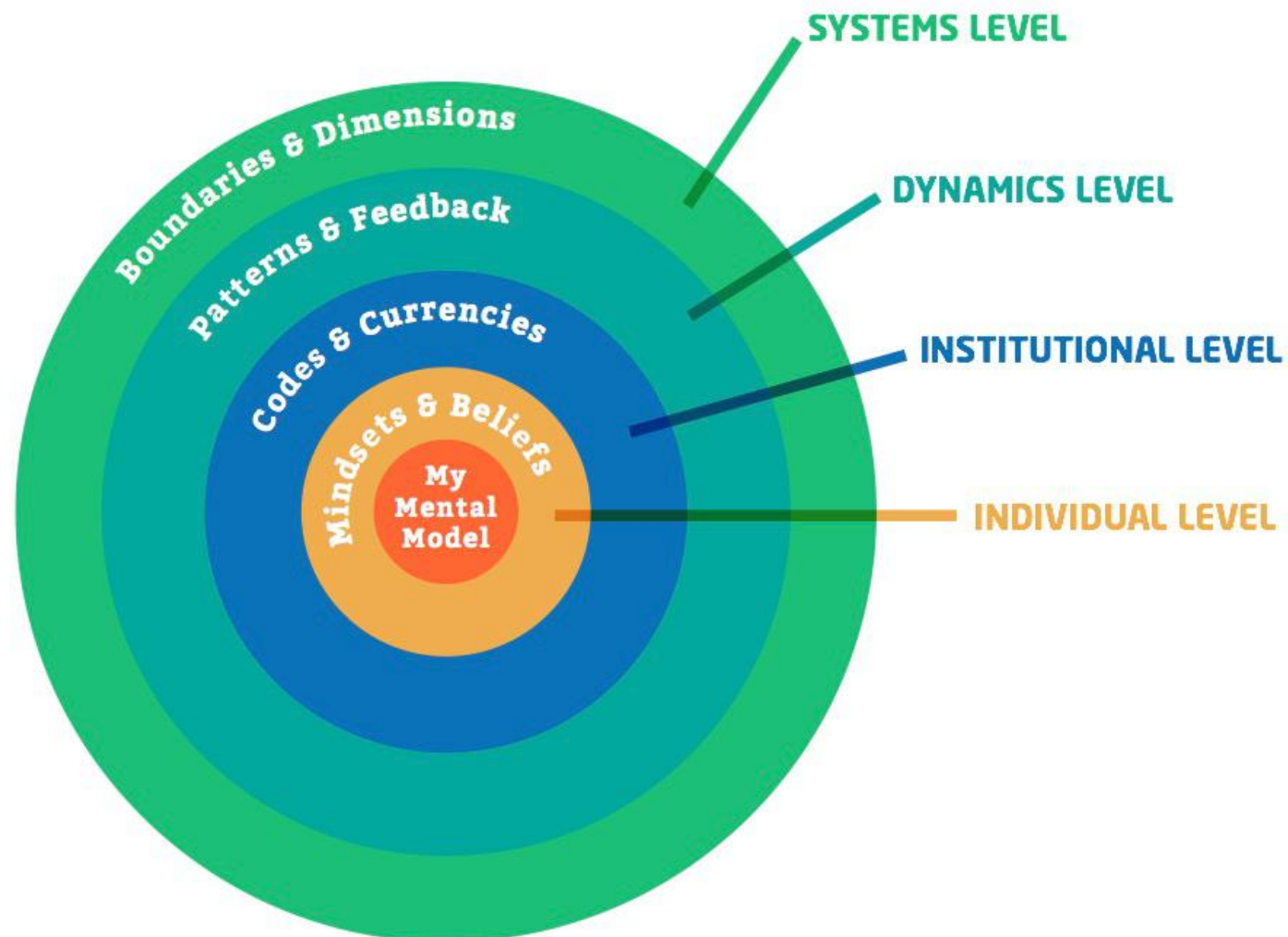
➤ Who

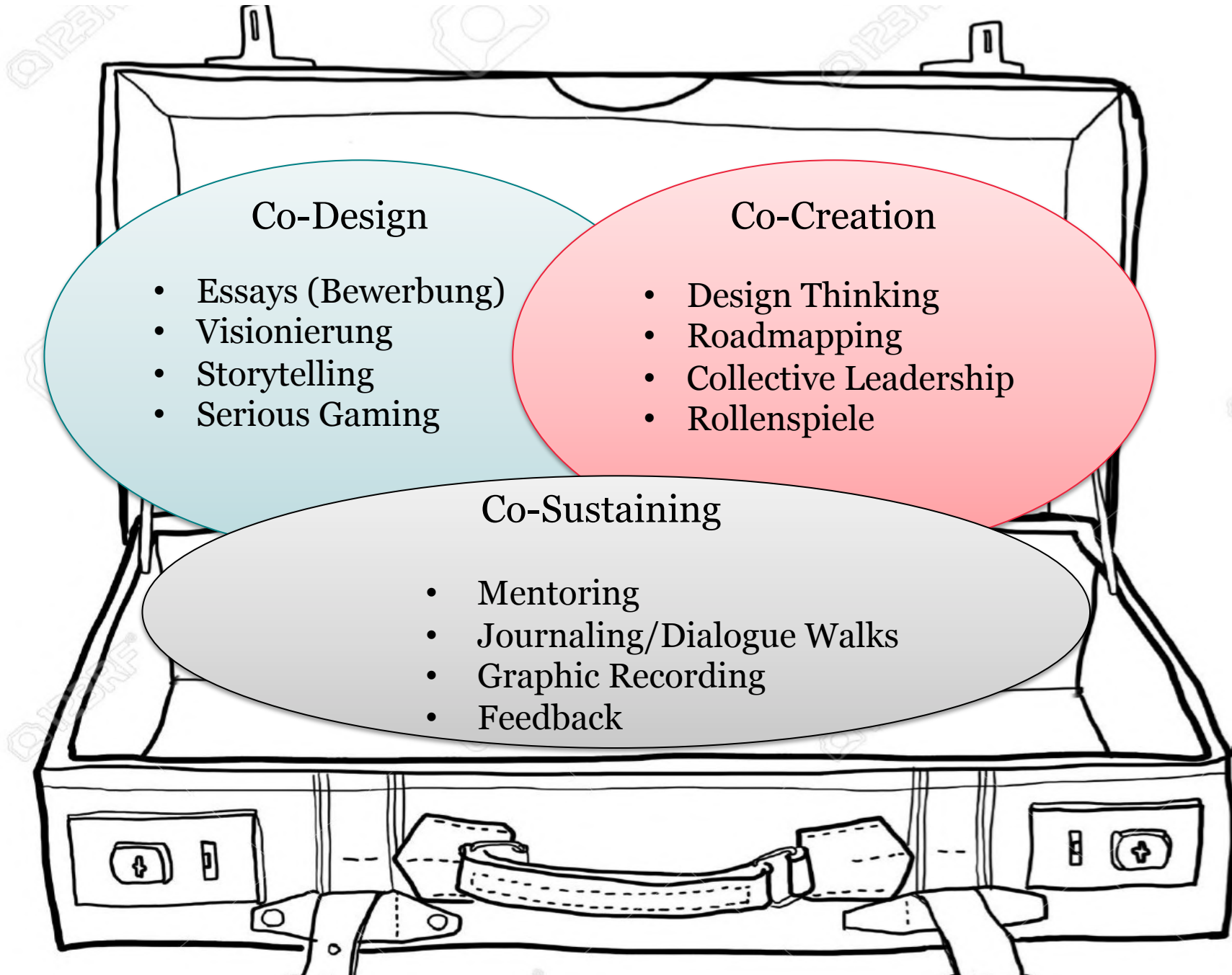
„*Agenten des Wandels*“ – Einzelne Akteure können Systeminnovationen gezielt vorantreiben

→ Dazu müssen sie Systeme verstehen lernen und Interventionen systematisch angehen können („Transformative Literacy“)

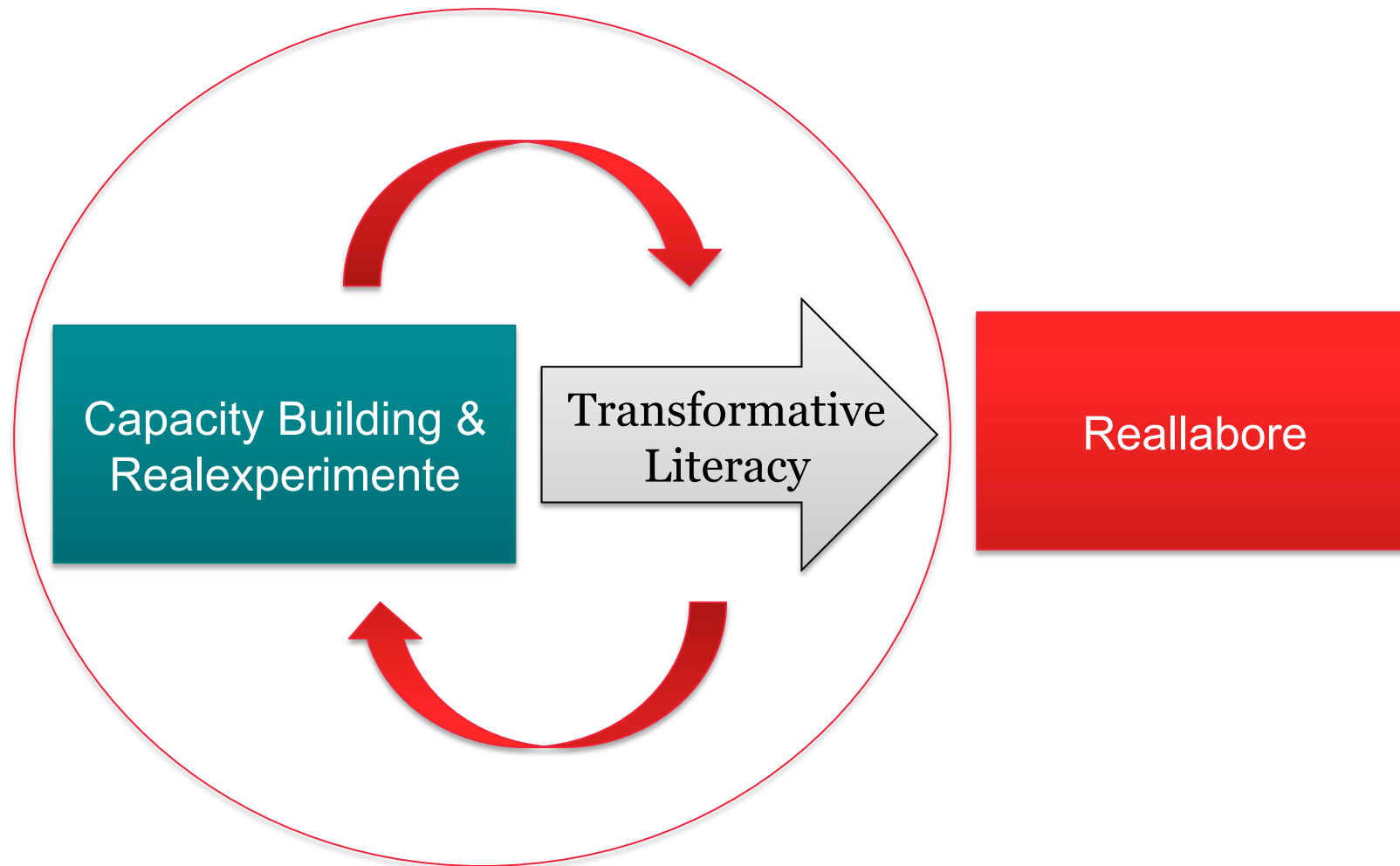
Konzeptioneller Rahmen: Die „Zielscheibe“ als systematische Herangehensweise an Systeminnovation

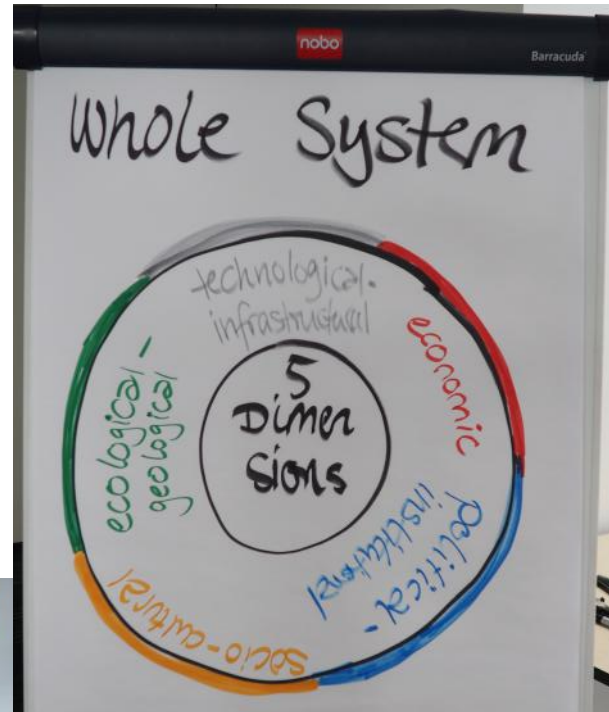
Systemisch denken und systematisch planen

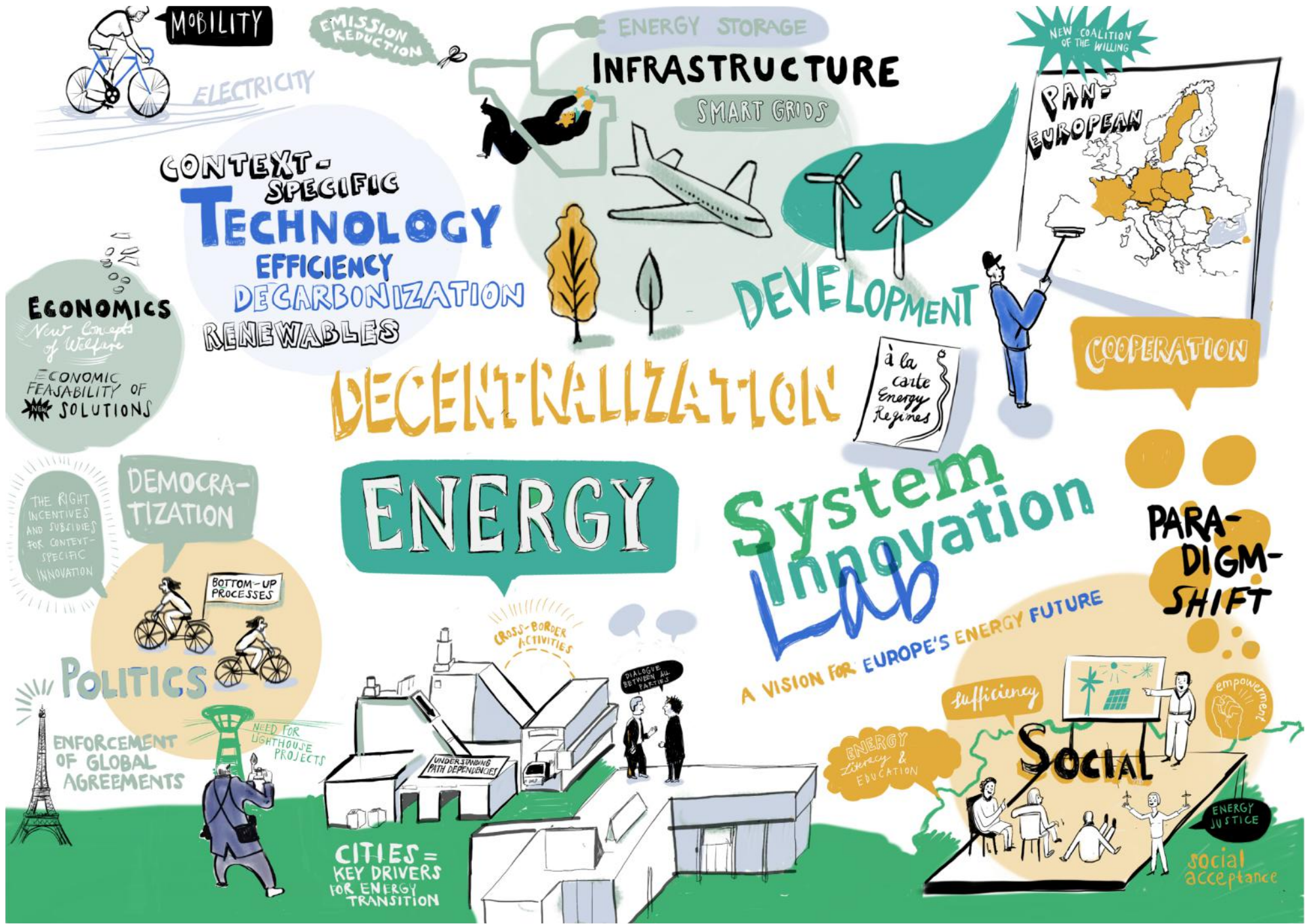


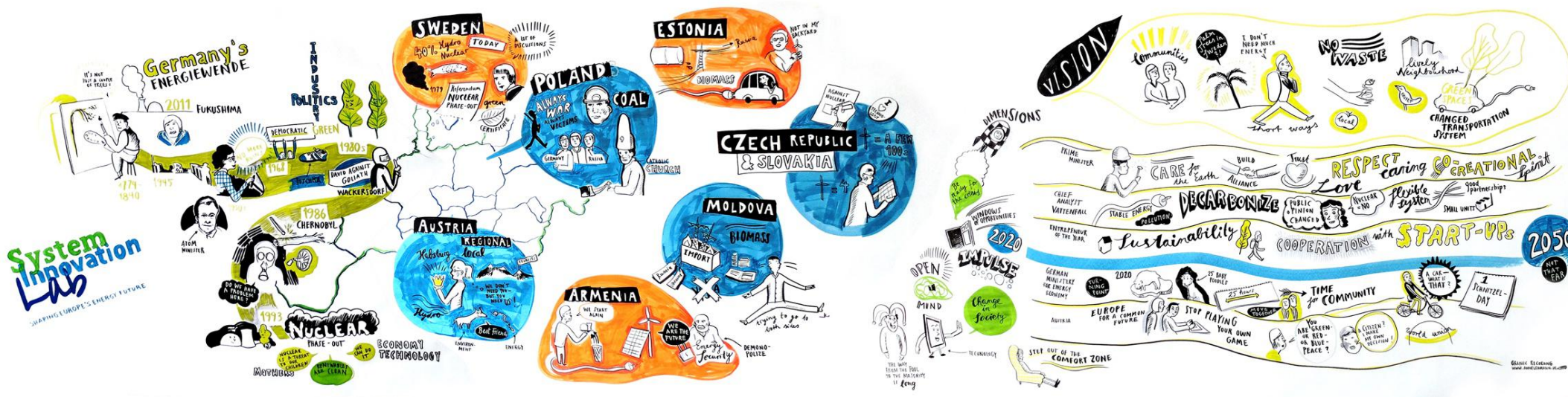


Capacity Building als Vorstufe zu erfolgreichen Reallaboren?!









Kontakt

Verena Hermelingmeier
Wuppertal Institut

verenahe@wupperinst.org



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Arrival and Get Together	Systems and their innovation	Innovation and I	Inspiration from the Field	Prototyping my own project	Strategies for exploration phase	Farewell

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<i>Get Together</i>	<i>Systems</i>	<i>Innovation and I</i>	<i>Inspiration from the Field</i>	<i>Prototyping</i>	<i>Planning</i>	<i>Farewell</i>
		Welcome and Intro Introducing Frameworks	Input How to be a change agent in systems	Welcome & Intro to EUREF Campus	Prototyping my initiative Design Thinking Workshop	Input Collective Leadership (Petra Künkel)	Reflection & Feedback
		Systems Game (Piotr Magnuszewski)	Change Maker Open Space Inputs & small group discussions	Keynote Germany's Energy Transition (Peter Hennicke)		Project Plan Development (Individual & Teams)	
			InnoZ Tour				Dragon Boat Tour
	Arrival	Lunch at hotel		Entrepreneurs' lunch	Lunch at hotel		Lunch bags
	Getting to know each other	Systems Mapping (Piotr Magnuszewski)	Synopsis The Bull's Eye	Outlook Exploration Phase	Input Advocacy (Stefan Schurig)	Feedback 3 exemplary initiatives	
			First ideas Where do I see myself as change agent?	Half-time reflection: Where do I see myself as a change maker?	Preparation of pitches	Reflection & Outlook	
	Outlook Lab Structure & the week	Reflection & Outlook	Reflection & Outlook	Freetime	Reflection & Outlook	Alternative City Tour incl. Craft Beer Tasting	
	Dinner & Drinks	Chef's evening – Cooking night	Drinks with change makers	Optional Dinner at „Brauhaus Südstern“	„The dragon's den“ (Pitching ideas)	Dinner	

Monday	Tuesday	Wednesday	Thursday	Friday
Welcome back & project presentataions	The Polish Energy System	European perspectives & visions for Europe's energy future	My own project: How do I want to move on?	Logistics, feedback & farewell

Agenda | Warsaw, May 23-27

Monday	Tuesday	Wednesday	Thursday	Friday
<i>Project Presentations</i>	<i>The Polish Energy System</i>	<i>Energy perspectives & visions</i>	<i>My own initiative</i>	<i>Feedback & Farewell</i>
Arrival & Optional Lunch	Reflection on individual learning process Journey mapping & Dialogue Walk	The Bull's Eye applied Reflection of Tuesday	Impact assessment Input & Exercise: measuring project's impact	Evaluation Reflection, Feedback & outlook
	Intro to Polish Energy System Input by participant	Country Perspectives Presentation of cultural narratives		
Lunch				
Poster fair Presentations & discussions of initiatives	Field Visits in Small Groups Dispatching Unit, Startup Hub and Institute for Sustainable Development	Visioning & Role Play Europe's Energy Transition – a trip to 2050 <i>(Graphic Recording)</i>	Reframing of initiatives Revisiting the big picture & planning next steps	Farewell & Departure
Dinner in Warsaw	Panel Discussion The Polish Energy Future and Europe: Between Economic, Social and Environmental Challenges	City Tour & Dinner in Warsaw	Dinner with Maciej Nowicki Discussion with the former Minister for the Environment	